

# Revision History

| No   | Item No.                | File Name              | Release Date | Device | Country  | Comm. Protocol |
|--|-------------------------|------------------------|--------------|--------|----------|----------------|
| 1  | <b><u>BB-KZ1154</u></b> | FL-KZ7AAJ1-1.54-BB.hex | 11/10/07     | BB     | KAZAKHST | CCNET          |
| <p>Commentary</p> <p>First release.</p> <p>Distinctive features are:</p> <ol style="list-style-type: none"><li>1. Metal bezel support.</li><li>2. Barcode recognition.</li><li>3. Jam (credit loss) prevention.</li><li>4. Chassis soft download via CCNET.</li><li>5. Improved short bill returning.</li><li>6. Pass sensor's processing during bill packing has been improved to prevent rejection of single bills.</li><li>7. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.</li><li>8. Processing of the following options has been implemented:<br/>'LED BV INHIBIT' -&gt; 0 - LED is red in BV_INHIBIT state; 1 - LED is turned off<br/>'KEEP BILL' -&gt; 0 - bill will be dropped after returning; 1 - bill will be held<br/>'LOOK TAPE' -&gt; enhanced processing of pass sensor (0 - OFF, 1 - ON)<br/>'TURN SWITCH' -&gt; switch turning after bill packing (0 - OFF, 1 - ON)</li><li>9. Loss of cassette setting "Not Assigned" after RESET has been eliminated.</li><li>10. Control of triangle wheel in metal bezel during bill accepting has been improved to prevent the bill sticking.</li><li>11. Control of thermo heater in metal dispenser has been added.</li><li>12. Enhance the algorithm of BB self-testing: if cassette(s) is(are) removed, software has to skip the algorithm of "device recovery after POWER DOWN" and turn to the regular self-testing.</li><li>13. Set higher priority to the indication of "BOX REMOVED" state.</li><li>14. Make "RECYCLING CASSETTE STATUS" request accessible only in IDLING, DISABLED, ESCROW states (according to "CashCode NET" description).</li><li>15. Do not erase an IDENTIFICATION NUMBER of BB unit in statistics after download to the validating head the software designed for another country.</li><li>16. BB power recovery feature is not supported yet.</li><li>17. Nonvolatile counters for counting all dispensed or unloaded bills have been added.</li><li>18. Commands "POWER RECOVERY", "EMPTY DISPENSER", "EXTENDED CASSETTE STATUS" have been included to CCNET.</li><li>19. Size of the transparent window on the banknote has been brought in to be taken into account during transporting of the bill.</li><li>20. Errors related to setting date/time from B2B keypad in Service mode have been fixed.</li><li>21. The following error has been fixed: if remove a cassette from the chassis BB keeps trying to pack bills to that cassette.</li><li>22. "GET STATUS" command is enable only in IDLING and DISABLED states according to CCNET specification.</li><li>23. Error with displaying of "Not Assigned" state for recycling cassettes in Service mode has been fixed.</li><li>24. Prohibit switching to download mode in the following error states:<br/>ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.</li><li>25. Prohibit performing software RESET in the following error states:<br/>ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.</li><li>26. Add "READ BB-DEVICES SERIAL NUMBER" command to CCNET.</li><li>27. Remove the control of stand-by battery.</li><li>28. Fix for unload in case when some bills were manually removed from the cassette has been implemented.</li><li>29. BB turns to IDLING through chassis reinitialization after the following sequence: drop box removal, chassis removal, then chassis replacement</li></ol> |                         |                        |              |        |          |                |

**Commentary**

- and drop box replacement.
- 30. The keeping of correct BB statistics has been brought in (failure counters).
- 31. The improved algorithm of drop box initialization has been implemented in order to make sure that BB is always able to determine if drop box is completely attached.
- 32. Country code has been replaced with currency code in all internal tables.
- 33. BB statistics (failure counters) is not supported yet.